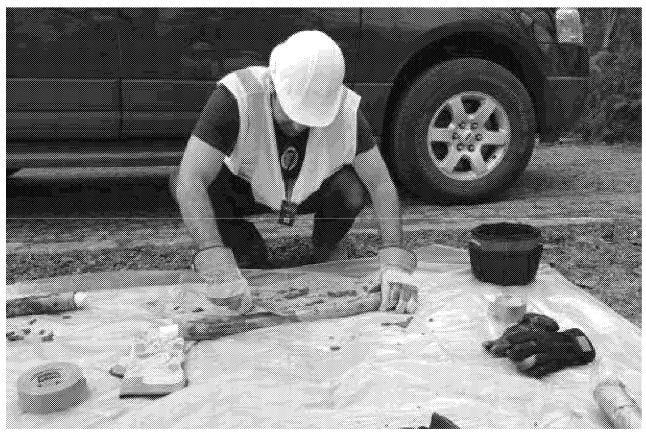
U.S. ENVIRONMENTAL PROTECTION AGENCY POLLUTION/SITUATION REPORT Flint Drinking Water Response





EPA staff cleaning lead service line lead pipe

Subject: Situation Report #47

Flint Drinking Water Response, Flint, MI

To: Flint Drinking Water Response Distribution List

Through: Mark Durno, Unified Command Liaison **From:** Ann Whelan, Situation Unit Leader

Date: 3/9/16

Reporting Period: 3/8/16, 1500 hours – 3/9/16, 1500 hours

Introduction: The EPA has deployed a team to assist with the Flint Drinking Water Response. HHS is the lead agency for the response. EPA is part of a Unified Coordination Group with ASPR, CDC, and FEMA. For Leadership and Operational Objectives, please see Situation Reports 1-40.

Unified Command Post ----- 125 E. Union Street, Flint, MI

EPA Incident Command Post and Staging-- Kettering University, 1300 Bluff Street, Flint MI

1. Activities During Reporting Period

1.1 Unified Coordination Group and Water Quality Task Force

- Continue planning for March 12th Informational Open House.
- The second lead service line was excavated for scale analysis. The lead pipe had a 1 ½" inside diameter, 2 ¼" outside diameter. Staff researched locations for lead service line removal later in the week.
- Conducted Unified Coordination Group weekly planning specific meetings (tactics, planning, matrix review).
- Continued planning efforts for Legionella and water system optimization coordination.

1.2 Community Involvement and Public Information Office

- Updated sample schedule and scheduled appointments for Water Sampling Team
- Conducted a radio interview with Dr. Valencia Battle, 1420 AM (Gospel Talk) about EPA activities and encouraged people to attend the March 12th Informational Open House.
- Worked with Cumulus radio to air PSA on their network
- Attended Flint Riverfront Restoration Summit

	Locations	Locations	Fact Sheets	CIC Speaker
	Attempted	Contacted	Dropped	Requests
Daily	44	28	6450	

1.3 Water Sampling Team

The Water Sampling Team performs diagnostic home investigations during sampling events to determine possible sources of lead contamination. Sampling investigations include residual chlorine sampling. Each sequential sampling investigation includes up to (21) 1-liter samples and up to (4) 125-milliliter samples; each grab sample investigation includes up to (3) 1-liter samples.

Residential Drinking Water Samples Collected					
	Filter Grab	Sequential	Health Complaint	Bacteria	Total Bottles
	Samples	Samples	Samples		Collected
Daily	3	0	1	0	18
Total to Date	220	102	54	14	~2,806

1.4 Office of Research and development/Office of Water - Water Assessment

Residual chlorine is sampled Monday to Wednesday biweekly. Samples are taken from a wide geographical area and from all sizes of pipe. 24 chlorine residuals samples are collected and combined with 10 chlorine residual data points collected by the water utility. In addition to chlorine, EPA started the first round of Total Trihalomethane sampling. This sampling will be done monthly until summer when it may change depending upon how the weather affects the results.

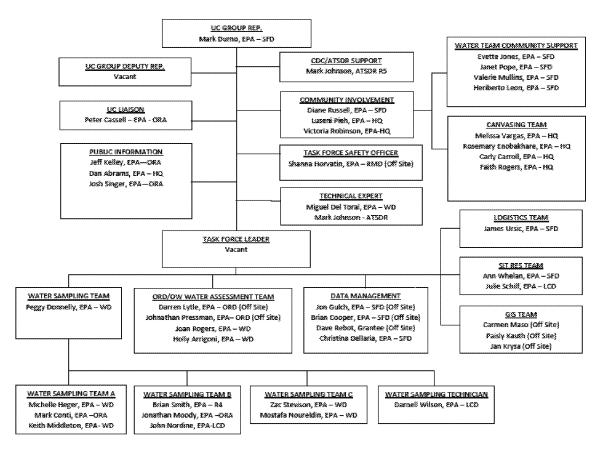
2. Staffing/Personnel

	On Site	Demobilized	Checked In
EPA	36	6	4
Contractors	0	0	0
Total	36	6	4

3. Acronym List

Acronym	Definition		
ASPR	Assistant Secretary for Preparedness and Response		
CDC	Centers for Disease Control		
EPA	United States Environmental Protection Agency		
FEMA	Federal Emergency Management Agency		
HHS	Department of Health and Human Services		
MDEQ	Michigan Department of Environmental Quality		
MDHHS	Michigan Department of Health and Human Services		

Appendix A: Organizational Chart



3/9/2016